

SEQUENCE LISTING

<110> Eggink, Laura
Hoover, Ken
Jacobs, Valerie
<120> Immunostimulatory Compositions and Uses Thereof
<130> 04-997-PCT
<150> US 60/542,198
<151> 2004-02-05
<150> US 60/633,825
<151> 2004-12-07
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Ala Gln Gly Pro Pro Ser Lys Gln His Ser Pro Pro
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20 25 30

Ser His Leu Gly Lys Glu Asp Phe Thr Ser Leu Ser Leu Val Leu Tyr
35 40 45

Ser Arg Lys Phe Pro Ser Gly Thr Phe Glu Gln Val Ser Gln Leu Val
50 55 60

Lys Glu Val Val Ser Leu Thr Glu Ala Cys Cys Ala Glu Gly Ala Asp
65 70 75 80

Pro Asp Cys Tyr Asp Thr Arg Thr Ser Ala Leu Ser Ala Lys Ser Cys
85 90 95

Glu Ser Asn Ser Pro Phe Pro Val His Pro Gly Thr Ala Glu Cys Cys
100 105 110

Thr Lys Glu Gly Leu Glu Arg Lys Leu Cys Met Ala Ala Leu Lys His
115 120 125

Gln Pro Gln Glu Phe Pro Thr Tyr Val Glu Pro Thr Asn Asp Glu Ile
130 135 140

Cys Glu Ala Phe Arg Lys Asp Pro Lys Glu Tyr Ala Asn Gln Phe Met
145 150 155 160

Trp Glu Tyr Ser Thr Asn Tyr Gly Gln Ala Pro Leu Ser Leu Leu Val
165 170 175

Ser Tyr Thr Lys Ser Tyr Leu Ser Met Val Gly Ser Cys Cys Thr Ser
180 185 190

Ala Ser Pro Thr Val Cys Phe Leu Lys Glu Arg Leu Gln Leu Lys His
195 200 205

Leu Ser Leu Leu Thr Thr Leu Ser Asn Arg Val Cys Ser Gln Tyr Ala
210 215 220

Ala Tyr Gly Glu Lys Lys Ser Arg Leu Ser Asn Leu Ile Lys Leu Ala
225 230 235 240

Gln Lys Val Pro Thr Ala Asp Leu Glu Asp Val Leu Pro Leu Ala Glu
245 250 255

Asp Ile Thr Asn Ile Leu Ser Lys Cys Cys Glu Ser Ala Ser Glu Asp
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260

265

270

Cys Met Ala Lys Glu Leu Pro Glu His Thr Val Lys Leu Cys Asp Asn
 275 280 285

Leu Ser Thr Lys Asn Ser Lys Phe Glu Asp Cys Cys Gln Glu Lys Thr
 290 295 300

Ala Met Asp Val Phe Val Cys Thr Tyr Phe Met Pro Ala Ala Gln Leu
 305 310 315 320

Pro Glu Leu Pro Asp Val Glu Leu Pro Thr Asn Lys Asp Val Cys Asp
 325 330 335

Pro Gly Asn Thr Lys Val Met Asp Lys Tyr Thr Phe Glu Leu Ser Arg
 340 345 350

Arg Thr His Leu Pro Glu Val Phe Leu Ser Lys Val Leu Glu Pro Thr
 355 360 365

Leu Lys Ser Leu Gly Glu Cys Cys Asp Val Glu Asp Ser Thr Thr Cys
 370 375 380

Phe Asn Ala Lys Gly Pro Leu Leu Lys Lys Glu Leu Ser Ser Phe Ile
 385 390 395 400

Asp Lys Gly Gln Glu Leu Cys Ala Asp Tyr Ser Glu Asn Thr Phe Thr
 405 410 415

Glu Tyr Lys Lys Lys Leu Ala Glu Arg Leu Lys Ala Lys Leu Pro Asp
 420 425 430

Ala Thr Pro Thr Glu Leu Ala Lys Leu Val Asn Lys His Ser Asp Phe
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 Leu Ala Glu Arg Leu Lys Ala Lys Leu Pro Asp Ala Thr Pro Thr Glu
 20 25 30

ctg gca aag ctg gtt aac aag cac tca gac ttt gcc tcc aac tgc tgt 144
 Leu Ala Lys Leu Val Asn Lys His Ser Asp Phe Ala Ser Asn Cys Cys
 35 40 45

tcc ata aac tca cct cct ctt tac tgt gat tca gag att gat gct gaa 192
 Ser Ile Asn Ser Pro Pro Leu Tyr Cys Asp Ser Glu Ile Asp Ala Glu
 50 55 60

ttg aag aat atc ctg 207
 Leu Lys Asn Ile Leu
 65

<210> 27
 <211> 69
 <212> PRT
 <213> Homo sapiens

<400> 27

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Leu Ala Glu Arg Leu Lys Ala Lys Leu Pro Asp Ala Thr Pro Thr Glu
 20 25 30

Leu Ala Lys Leu Val Asn Lys His Ser Asp Phe Ala Ser Asn Cys Cys
 35 40 45

Ser Ile Asn Ser Pro Pro Leu Tyr Cys Asp Ser Glu Ile Asp Ala Glu
 50 55 60

Leu Lys Asn Ile Leu
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 Leu Cys Ala Asp Tyr Ser Glu Asn Thr Phe Thr Glu Tyr Lys Lys Lys
 1 5 10 15

ctg gca gag cga cta aaa gca aaa ttg cct gat gcc aca ccc caa gct 96
 Leu Ala Glu Arg Leu Lys Ala Lys Leu Pro Asp Ala Thr Pro Gln Ala
 20 25 30

aca caa tca aat caa cat aca cca cgt ggt ggt ggt tca gaa ctg gca 144
 Thr Gln Ser Asn Gln His Thr Pro Arg Gly Gly Gly Ser Glu Leu Ala
 Page 9

35	40	45	
aag ctg gtt aac aag cac tca gac ttt gcc tcc aac tgc tgt tcc ata			
Lys Leu Val Asn Lys His Ser Asp Phe Ala Ser Asn Cys Cys Ser Ile			
50	55	60	
aac tca cct cct ctt tac tgt gat tca gag att gat gct gaa ttg aag			
Asn Ser Pro Pro Leu Tyr Cys Asp Ser Glu Ile Asp Ala Glu Leu Lys			
65	70	75	80
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Asn Ile Leu			

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20 25 30

Thr Gln Ser Asn Gln His Thr Pro Arg Gly Gly Ser Glu Leu Ala
35 40 45

Lys Leu Val Asn Lys His Ser Asp Phe Ala Ser Asn Cys Cys Ser Ile
50 55 60

Asn Ser Pro Pro Leu Tyr Cys Asp Ser Glu Ile Asp Ala Glu Leu Lys
65 70 75 80

Asn Ile Leu

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ggtttagaaa aagcaatgtc aggtgaatta ctt atg tta tgt gct gat tat tca Met Leu Cys Ala Asp Tyr Ser 1 5	234
gaa aat aca ttt aca gaa tat aaa aaa aca tta gct gaa cgt tta aaa Glu Asn Thr Phe Thr Glu Tyr Lys Lys Lys Leu Ala Glu Arg Leu Lys 10 15 20	282
gct aaa tta cca gat gct aca cca caa gct aca caa tca aat caa cat Ala Lys Leu Pro Asp Ala Thr Pro Gln Ala Thr Gln Ser Asn Gln His 25 30 35	330
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tgt gat tca gaa att gat gct gaa tta aaa aat att tta cat cat cat Cys Asp Ser Glu Ile Asp Ala Glu Leu Lys Asn Ile Leu His His His 75 80 85	474
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20 25 30

Ala Thr Gln Ser Asn Gln His Thr Pro Arg Gly Gly Ser Glu Leu
35 40 45

Ala Lys Leu Val Asn Lys His Ser Asp Phe Ala Ser Asn Cys Cys Ser
50 55 60

Ile Asn Ser Pro Pro Leu Tyr Cys Asp Ser Glu Ile Asp Ala Glu Leu
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Lys Asn Ile Leu His His His His His His
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Lys Trp

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Gly Gly Gly Ser
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